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## WEST Search History





DATE: Wednesday, August 11, 2004

Hide?	Set Name Query	Hit Count
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*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L35 L34 and (analysis near5 server\$1)	10
<input type="checkbox"/>	L34 L33 and (customer near5 entit\$)	263
<input type="checkbox"/>	L33 L32 and (business near5 entit\$)	891
<input type="checkbox"/>	L32 (business\$ near5 database\$)	4839
<input type="checkbox"/>	L31 L30 and (customer near5 database\$)	13
<input type="checkbox"/>	L30 L28 and (fact near5 table\$1)	41
<input type="checkbox"/>	L29 L28 and (facct near5 table\$1)	0
<input type="checkbox"/>	L28 L27 and (business near5 analysis)	51
<input type="checkbox"/>	L27 (star near5 schema)	199
<input type="checkbox"/>	L26 L25 and bill\$	3
<input type="checkbox"/>	L25 L24 and customers	11
<input type="checkbox"/>	L24 L23 and olap	13
<input type="checkbox"/>	L23 (central near5 database\$) and (business near5 server\$1)	379
<input type="checkbox"/>	L22 L21 and (customer\$1 near5 teleph\$)	2
<input type="checkbox"/>	L21 (business near5 schema) and olap	38
<input type="checkbox"/>	L20 L19 and extractor\$	0
<input type="checkbox"/>	L19 L16 and (customer near5 record\$1)	50
<input type="checkbox"/>	L18 L16 and olap	0
<input type="checkbox"/>	L17 L16 and (business near5 analys\$)	0
<input type="checkbox"/>	L16 (teleph\$ and customer\$).ti.	940
<input type="checkbox"/>	L15 (olap and customer\$).ti.	0
<input type="checkbox"/>	L14 (olap and teleph\$).ti.	0
<input type="checkbox"/>	L13 (business and schema\$).ti.	12
<input type="checkbox"/>	L12 (business and analy\$ and schema\$).ti.	0
<input type="checkbox"/>	L11 (business and analys\$ and schema\$).ti.	0
<input type="checkbox"/>	L10 (business and alalys\$ and schema\$).ti.	0
<input type="checkbox"/>	L9 (business and alalys\$ and data\$).ti.	0

*DB=EPAB; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L8 EP-1177515-A2.did.	0
<input type="checkbox"/>	L7 WO-200042553-A2.did.	0

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L6	(business\$ and data\$ and mart\$).ti.	1
<input type="checkbox"/>	L5	(telephon\$ and data\$ and mart\$).ti.	0
<input type="checkbox"/>	L4	(telephon\$ and data\$ and warehous\$).ti.	3
<input type="checkbox"/>	L3	(ivr and data\$ and warehous\$).ti.	0
<input type="checkbox"/>	L2	(ivr and customer\$).ti.	3
<input type="checkbox"/>	L1	(ivr and data\$).ti.	5

END OF SEARCH HISTORY

## WEST Search History





DATE: Wednesday, August 11, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L20	L18 and ((multiple) near5 (fact tables))	18
<input type="checkbox"/>	L19	L18 and ((business) same (dimensional near5 record\$1))	1
<input type="checkbox"/>	L18	(customer\$1) same (dimension\$ near5 table\$1)	146
<input type="checkbox"/>	L17	L16 and (data near5 dimension\$)	2
<input type="checkbox"/>	L16	(business near5 entit\$) same (customer near5 record\$1)	25
<input type="checkbox"/>	L15	L14 and (star near5 schema)	9
<input type="checkbox"/>	L14	L13 and (business same customer\$1)	27
<input type="checkbox"/>	L13	(data and warehous\$).ti.	486
<input type="checkbox"/>	L12	'business databases'.ti.	16
<input type="checkbox"/>	L11	L10 and (analysis near5 server\$1)	7
<input type="checkbox"/>	L10	business entity customers	49
<input type="checkbox"/>	L9	L7 and (star near5 schema)	1
<input type="checkbox"/>	L8	L7 and (fact near5 table\$1)	1
<input type="checkbox"/>	L7	L6 and (customer\$1 near5 record\$1)	26
<input type="checkbox"/>	L6	L5 and (extract\$ near5 data\$)	102
<input type="checkbox"/>	L5	L4 and (central near5 database\$)	379
<input type="checkbox"/>	L4	(business near5 server\$1)	5395
<input type="checkbox"/>	L3	6374235.pn.	2
<input type="checkbox"/>	L2	L1 and (fact tables)	1
<input type="checkbox"/>	L1	ibm.as.	44905

END OF SEARCH HISTORY

## WEST Search History





DATE: Wednesday, August 11, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L18	(customer\$1 and entit\$ and relation\$).ti.	2
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L17	US-6618729-B1.did.	1
<input type="checkbox"/>	L16	US-6618729-B1.did.	1
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L15	(star and fact and data\$).ti.	1
<input type="checkbox"/>	L14	L13 and schema	0
<input type="checkbox"/>	L13	(customer\$1 and business\$ and entit\$).ti.	15
<input type="checkbox"/>	L12	6363353 .uref.	1
<input type="checkbox"/>	L11	L10 and ((multi\$dimensional) near5 (database\$))	10
<input type="checkbox"/>	L10	L9 and (customer\$1 near5 entit\$)	979
<input type="checkbox"/>	L9	(business near5 entit\$)	5728
<input type="checkbox"/>	L8	L7 and (customer near5 database\$)	7
<input type="checkbox"/>	L7	L6 and (star near5 schema)	48
<input type="checkbox"/>	L6	multiple near5 (fact tables)	67
<input type="checkbox"/>	L5	L4 and (entit\$ near5 relation\$)	8
<input type="checkbox"/>	L4	L3 and (business same customer\$1)	13
<input type="checkbox"/>	L3	L2 and ((multiple) near5 (fact table\$1))	24
<input type="checkbox"/>	L2	L1 and (multidimensional near5 database\$)	52
<input type="checkbox"/>	L1	(FACT NEAR5 TABLE\$1) AND (STAR near5 schema)	136

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Ekwd Refs
Generate OACS				

Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20040122646 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 7

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040122646  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040122646 A1

TITLE: System and method for automatically building an OLAP model in a relational database

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Colossi, Nathan Gevaerd	San Jose	CA	US	
DeKimpe, Daniel Martin	La Selva Beach	CA	US	

US-CL-CURRENT: 703/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20030229652 A1

L8: Entry 2 of 7

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030229652  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030229652 A1

TITLE: Enterprise-wide data-warehouse with integrated data aggregation engine

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Da
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☐ 3. Document ID: US 20030225736 A1

L8: Entry 3 of 7

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030225736  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030225736 A1

TITLE: Enterprise-wide resource planning (ERP) system with integrated data  
aggregation engine

PUBLICATION-DATE: December 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Da
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☐ 4. Document ID: US 20030217079 A1

L8: Entry 4 of 7

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030217079  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030217079 A1

TITLE: Customer relationship management (CRM) system with integrated data  
aggregation engine

PUBLICATION-DATE: November 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Da
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☐ 5. Document ID: US 20020129032 A1

L8: Entry 5 of 7

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129032

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020129032 A1

TITLE: Database management system having a data aggregation module integrated therein

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/101; 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw. De
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☐ 6. Document ID: US 20020129003 A1

L8: Entry 6 of 7

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129003

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020129003 A1

TITLE: Data database and database management system having data aggregation module integrated therein

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw. De
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☐ 7. Document ID: US 20020029207 A1

L8: Entry 7 of 7

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020029207

h e b b g e e e f e ef b e



PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020029207 A1

TITLE: Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein

PUBLICATION-DATE: March 7, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/1; 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CUSTOMER	176964
CUSTOMERS	85990
DATABASE\$	0
DATABASE	239234
DATABASEA	3
DATABASEACCESS	2
DATABASEACCESSION	1
DATABASEACCESSRIGHT	2
DATABASEACTION	1
DATABASEAMONG	1
DATABASEAND	1
(L7 AND (CUSTOMER NEAR5 DATABASE\$) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

There are more results than shown above. [Click here to view the entire set.](#)

Display Format:

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[Generate OACS](#)

Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20040034666 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 10

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040034666

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040034666 A1

TITLE: Spatial intelligence system and method

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, Li-Wen	Cupertino	CA	US	

US-CL-CURRENT: 707/104.1; 706/62

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20030115211 A1

L11: Entry 2 of 10

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030115211

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030115211 A1

TITLE: Spatial intelligence system and method

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, Li-Wen	Cupertino	CA	US	
Luu, Victor	Morgan Hill	CA	US	

US-CL-CURRENT: 707/102; 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20020161764 A1

L11: Entry 3 of 10

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161764  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020161764 A1

TITLE: Network based system and method for marketing management

PUBLICATION-DATE: October 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sharo, Linda	San Francisco	CA	US	

US-CL-CURRENT: 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20020116389 A1

L11: Entry 4 of 10

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116389  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020116389 A1

TITLE: System and method for providing a data warehouse in accordance with a virtual schema

PUBLICATION-DATE: August 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, Li-Wen	Cupertino	CA	US	
Ortiz, Juan J.	Hayward	CA	US	

US-CL-CURRENT: 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20020052754 A1

L11: Entry 5 of 10

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020052754  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020052754 A1

TITLE: Convergent communications platform and method for mobile and electronic commerce in a heterogeneous network environment

PUBLICATION-DATE: May 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Joyce, Simon James	Bangkok	CO	TH	
Gupta, Prafulla C.	Pagosa Springs		US	
Enuga, Ashok Kumar Reddy	Hyderabad		IN	
Vaidya, Manohar Sitaram	Hyderabad		IN	
Kasturi, Kalyan Chakravarthy	Hyderabad		IN	
Gupta, Richa	Hyderabad		IN	
Munnangi, Suresh Kumar	Hyderabad		IN	
Jampana, Varma Laxmi Jagannadha Siva Kumar	Hyderabad		IN	
Undavalli, Prasad Naganjaneya Vara	Hyderabad		IN	
Nallajerla, Kondal Rao	Secunderabad		IN	
Sistla, Krishna Mohan	Hyderabad		IN	
Gudipati, Amba Prasad	Hyderabad		IN	
Nallagonda, Bhanu Murthy	Secunderabad		IN	
Velpuri, Surya Sekhar Lakshmi	Hyderabad		IN	
Kalluri, Veerabhadra Rao	Hyderabad		IN	
Subhashree, Radhakrishnan	Hyderabad		IN	
Kumar, Sundaram Mohan	Hyderabad		IN	
Goparaju, Muralidhar	Hyderabad		IN	
Waldakar, Raju	Paris		FR	
Santos, Fernando Manoel Alves JR.	Sao Paulo		BR	
Velagala, Narendra Kumar	Secunderabad		IN	
Nakkala, Anil Kumar Reddy	Hyderabad		IN	
Tummala, Anjayya Chowdary	Secunderabad		IN	
Kompella, Krishna Mohan Venkata	Hyderabad		IN	
Machiraju, Ravi Kiran	Hyderabad		IN	
Seetamsetty, Srinivas	Hyderabad		IN	
Vooradi, Gopal	Secundrabad		IN	
Burugula, Sesh Kumar Venkata Hara Naga	Hyderabad		IN	
Veluru, Ranganatham	Hyderabad		IN	

US-CL-CURRENT: 705/1; 705/400

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	NUMC	Draws	Doc
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☐ 6. Document ID: US 20020049701 A1

L11: Entry 6 of 10

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049701

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020049701 A1

TITLE: Methods and systems for accessing multi-dimensional customer data

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nabe, Oumar	New York	NY	US	
Souery, Michael A.	North Potomac	MD	US	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 6411961 B1

L11: Entry 7 of 10

File: USPT

Jun 25, 2002

US-PAT-NO: 6411961

DOCUMENT-IDENTIFIER: US 6411961 B1

TITLE: Apparatus for providing a reverse star schema data model

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

US-CL-CURRENT: 707/102; 705/10, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6377934 B1

L11: Entry 8 of 10

File: USPT

Apr 23, 2002

US-PAT-NO: 6377934

DOCUMENT-IDENTIFIER: US 6377934 B1

TITLE: Method for providing a reverse star schema data model

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		
Ortiz; Juan J.	Hayward	CA		

US-CL-CURRENT: 705/10; 707/102, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 9. Document ID: US 6363353 B1

L11: Entry 9 of 10

File: USPT

Mar 26, 2002

US-PAT-NO: 6363353

DOCUMENT-IDENTIFIER: US 6363353 B1

TITLE: System for providing a reverse star schema data model

DATE-ISSUED: March 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

US-CL-CURRENT: 705/10; 707/102, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 10. Document ID: US 6073140 A

L11: Entry 10 of 10

File: USPT

Jun 6, 2000

US-PAT-NO: 6073140

DOCUMENT-IDENTIFIER: US 6073140 A

TITLE: Method and system for the creation, enhancement and update of remote data using persistent keys

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morgan; Charles D.	Little Rock	AR		
McLaughlin; G. Leigh	Conway	AR		
Fogata; Marvin G.	Little Rock	AR		
Baker; Joy L.	Searcy	AR		
Cook; Joy E.	Little Rock	AR		
Mooney; James E.	Conway	AR		
Roland; David B.	Conway	AR		
Talburt; John R.	Little Rock	AR		

US-CL-CURRENT: 707/203; 707/201, 707/3, 707/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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# Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040054683 A1

Using default format because multiple data bases are involved.

L41: Entry 1 of 5

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040054683

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040054683 A1

TITLE: System and method for join operations of a star schema database

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nishizawa, Itaru	Tokyo		JP	
Shimizu, Akira	Kokubunji		JP	

US-CL-CURRENT: 707/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 2. Document ID: US 6411961 B1

L41: Entry 2 of 5

File: USPT

Jun 25, 2002

US-PAT-NO: 6411961

DOCUMENT-IDENTIFIER: US 6411961 B1

TITLE: Apparatus for providing a reverse star schema data model

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

US-CL-CURRENT: 707/102; 705/10, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 3. Document ID: US 6377934 B1

L41: Entry 3 of 5

File: USPT

Apr 23, 2002

US-PAT-NO: 6377934

DOCUMENT-IDENTIFIER: US 6377934 B1

TITLE: Method for providing a reverse star schema data model

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		
Ortiz; Juan J.	Hayward	CA		

US-CL-CURRENT: 705/10; 707/102, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 4. Document ID: US 6363353 B1

L41: Entry 4 of 5

File: USPT

Mar 26, 2002

US-PAT-NO: 6363353

DOCUMENT-IDENTIFIER: US 6363353 B1

TITLE: System for providing a reverse star schema data model

DATE-ISSUED: March 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

US-CL-CURRENT: 705/10; 707/102, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 5. Document ID: JP 2001265783 A

L41: Entry 5 of 5

File: DWPI

Sep 28, 2001

DERWENT-ACC-NO: 2002-014199

DERWENT-WEEK: 200202

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TITLE: Star schema search system for relational database in data warehouse,  
acquires storage address of applicable data with reference to data coupling table,  
during data search in database

PRIORITY-DATA: 2000JP-0082427 (March 23, 2000)



## Hit List

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20020116389 A1

Using default format because multiple data bases are involved.

L37: Entry 1 of 4

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116389

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020116389 A1

TITLE: System and method for providing a data warehouse in accordance with a virtual schema

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, Li-Wen	Cupertino	CA	US	
Ortiz, Juan J.	Hayward	CA	US	

US-CL-CURRENT: 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 2. Document ID: US 6411961 B1

L37: Entry 2 of 4

File: USPT

Jun 25, 2002

US-PAT-NO: 6411961

DOCUMENT-IDENTIFIER: US 6411961 B1

TITLE: Apparatus for providing a reverse star schema data model

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

US-CL-CURRENT: 707/102; 705/10, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KMC	Draw De
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h e b b g e e e f e g e f b e

☐ 3. Document ID: US 6377934 B1

L37: Entry 3 of 4

File: USPT

Apr 23, 2002

US-PAT-NO: 6377934

DOCUMENT-IDENTIFIER: US 6377934 B1

TITLE: Method for providing a reverse star schema data model

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		
Ortiz; Juan J.	Hayward	CA		

US-CL-CURRENT: 705/10; 707/102, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw De
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☐ 4. Document ID: US 6363353 B1

L37: Entry 4 of 4

File: USPT

Mar 26, 2002

US-PAT-NO: 6363353

DOCUMENT-IDENTIFIER: US 6363353 B1

TITLE: System for providing a reverse star schema data model

DATE-ISSUED: March 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

US-CL-CURRENT: 705/10; 707/102, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
BUSINESS	253018
BUSINESSES	24198
ENTIT\$	0
ENTIT	941

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20020133368 A1

Using default format because multiple data bases are involved.

L32: Entry 1 of 3

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020133368

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020133368 A1

TITLE: Data warehouse model and methodology

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Strutt, David	Ottawa		CA	
Helal, Robert	Ottawa		CA	

US-CL-CURRENT: 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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☐ 2. Document ID: US 20020099563 A1

L32: Entry 2 of 3

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099563

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099563 A1

TITLE: Data warehouse system

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Adendorff, Michael	Ottawa		CA	
Armstrong, Michael	Nepean		CA	

US-CL-CURRENT: 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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h e b b g e e f e g ef b e

☐ 3. Document ID: US 20020035562 A1

L32: Entry 3 of 3

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020035562

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020035562 A1

TITLE: DataMart

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roller, Keith	Flower Mound	TX	US	
Johnson, William	Summerfield	NC	US	
Handerhan, Patrick J.	Longmont	CO	US	

US-CL-CURRENT: 707/6; 707/10, 707/104.1, 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
BUSINESS	253018
BUSINESSES	24198
ENTIT\$	0
ENTIT	941
ENTITA	3
ENTITACD	1
ENTITACT	1
ENTITACTS	1
ENTITACT3	1
ENTITAHTINTGOWAER	1
ENTITAIUM	1
(L31 AND (BUSINESS NEAR5 ENTIT\$) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

There are more results than shown above. [Click here to view the entire set.](#)

Display Format:

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20020123957 A1

Using default format because multiple data bases are involved.

L14: Entry 1 of 3

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123957

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020123957 A1

TITLE: Method and apparatus for marketing and communicating in the wine/spirits industry

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Notarius, Burt	E. Amherst	NY	US	
Nayak, Devendra	Burlington	MA	US	
Jani, Arun	Westford	MA	US	
Chan, Kelly Ka Yiu	Cambridge	MA	US	
Benati, Paul J.	Penfield	NY	US	
McNichol, A. Drew	Hamburg	NY	US	

US-CL-CURRENT: 705/37; 705/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Ds
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☐ 2. Document ID: US 20020035562 A1

L14: Entry 2 of 3

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020035562

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020035562 A1

TITLE: DataMart

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roller, Keith	Flower Mound	TX	US	

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Johnson, William	Summerfield	NC	US
Handerhan, Patrick J.	Longmont	CO	US

US-CL-CURRENT: 707/6; 707/10, 707/104.1, 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 6609123 B1

L14: Entry 3 of 3

File: USPT

Aug 19, 2003

US-PAT-NO: 6609123

DOCUMENT-IDENTIFIER: US 6609123 B1

TITLE: Query engine and method for querying data using metadata model

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cazemier; Henk	Nepean			CA
Rasmussen; Glenn D.	Nepean			CA

US-CL-CURRENT: 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
BUSINESS	253018
BUSINESSES	24198
ENTIT\$	0
ENTIT	941
ENTITA	3
ENTITACD	1
ENTITACT	1
ENTITACTS	1
ENTITACT3	1
ENTITAHTTEINTGOWAER	1
ENTITAIHUM	1
(L13 AND (BUSINESS NEAR5 ENTIT\$) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

There are more results than shown above. [Click here to view the entire set.](#)

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 29 of 29 returned.

☐ 1. Document ID: US 5249300 A

Using default format because multiple data bases are involved.

L8: Entry 1 of 29

File: USPT

Sep 28, 1993

US-PAT-NO: 5249300

DOCUMENT-IDENTIFIER: US 5249300 A

TITLE: System and method of constructing models of complex business transactions using entity-set variables for ordered sets of references to user data

DATE-ISSUED: September 28, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bachman; Charles W.	Lexington	MA		
Gane; Christopher P.	New York	NY		
Krieger; David A.	Cambridge	MA		
Abramovich; Igor	Medford	MA		

US-CL-CURRENT: 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 2. Document ID: NN9506253

L8: Entry 2 of 29

File: TDBD

Jun 1, 1995

TDB-ACC-NO: NN9506253

DISCLOSURE TITLE: Entity-Relationship Data Model Reporting

PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, June 1995, US

VOLUME NUMBER: 38

ISSUE NUMBER: 6

PAGE NUMBER: 253 - 256

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Drawn De
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3. Document ID: NN9408615

L8: Entry 3 of 29

File: TDBD

Aug 1, 1994

TDB-ACC-NO: NN9408615

DISCLOSURE TITLE: Data Model for Hierarchical Views of Entity Oriented Information

PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, August 1994, US

VOLUME NUMBER: 37

ISSUE NUMBER: 8

PAGE NUMBER: 615 - 618

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Drawn De
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4. Document ID: NA890886

L8: Entry 4 of 29

File: TDBD

Aug 1, 1989

TDB-ACC-NO: NA890886

DISCLOSURE TITLE: Configuration Management Using an Entity-Relationship Data Model

PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, August 1989, US

VOLUME NUMBER: 32

ISSUE NUMBER: 3A

PAGE NUMBER: 86 - 87

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Drawn De
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☐ 5. Document ID: US 20040117393 A1

L8: Entry 5 of 29

File: DWPI

Jun 17, 2004

DERWENT-ACC-NO: 2004-498422

DERWENT-WEEK: 200447

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TITLE: Computer model designing system for business entity data collection and display, generates view models for collected data so as to view components in view-in-view manner and combines instances of reusable components

INVENTOR: DEMESA, J G; JOHNSON, D C

PRIORITY-DATA: 1999US-162975P (November 1, 1999), 2000US-0704471 (November 1, 2000), 2003US-0726430 (December 3, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040117393 A1	June 17, 2004		026	G06F017/00

INT-CL (IPC): G06 F 17/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 6. Document ID: DE 10254571 A1

L8: Entry 6 of 29

File: DWPI

Jun 3, 2004

DERWENT-ACC-NO: 2004-451462

DERWENT-WEEK: 200443

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TITLE: Data model transformation method, for transformation of a entity relationship model to an object orientated model, thus allowing combination of a entity relationship model with a unified modeling language model

INVENTOR: JECKLE, M

PRIORITY-DATA: 2002DE-1054571 (November 22, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 10254571 A1	June 3, 2004		024	G06F017/40

INT-CL (IPC): G06 F 17/40

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 7. Document ID: US 6738077 B1

L8: Entry 7 of 29

File: DWPI

May 18, 2004

DERWENT-ACC-NO: 2004-429557

DERWENT-WEEK: 200440

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TITLE: User interface generating method for desktop application, involves creating user interface description based upon data model entities classification, distributing description to client to enable user to transact with database

INVENTOR: NOYAU, E; WENDKER, A W

PRIORITY-DATA: 2000US-0618390 (July 18, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6738077 B1</u>	May 18, 2004		014	G06F015/00

INT-CL (IPC): G06 F 15/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 8. Document ID: WO 2004017198 A1, DE 10233211 A1

L8: Entry 8 of 29

File: DWPI

Feb 26, 2004

DERWENT-ACC-NO: 2004-215494

DERWENT-WEEK: 200424

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TITLE: Computer system for configuring automation device firmware, uses database with data model, input devices for data model entities and processor devices to create data packets

INVENTOR: BERTRAND, E; SIERING, T C ; STEINLEIN, G ; SIERING, T

PRIORITY-DATA: 2002DE-1033211 (July 22, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 2004017198 A1</u>	February 26, 2004	G	000	G06F009/44
<u>DE 10233211 A1</u>	February 19, 2004		006	G06F009/44

INT-CL (IPC): G05 B 19/042; G05 B 19/05; G05 B 19/414; G06 F 9/44

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 9. Document ID: AU 2003245188 A1, WO 2003102766 A1, SE 200201641 A

L8: Entry 9 of 29

File: DWPI

Dec 19, 2003

DERWENT-ACC-NO: 2004-043257

DERWENT-WEEK: 200449

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TITLE: Computer system for generating view, has view factory unit to generate and display views of entities on display, where system modifies user interface views,

by which descriptor of meta data model gets changed

INVENTOR: ZIKOVIC, D

PRIORITY-DATA: 2002US-401750P (August 8, 2002), 2002SE-0001641 (May 31, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>AU 2003245188 A1</u>	December 19, 2003		000	G06F009/44
<u>WO 2003102766 A1</u>	December 11, 2003	E	034	G06F009/44
<u>SE 200201641 A</u>	December 1, 2003		000	G06F009/44

INT-CL (IPC): G06 F 9/44; G06 F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 10. Document ID: US 20030122657 A1

L8: Entry 10 of 29

File: DWPI

Jul 3, 2003

DERWENT-ACC-NO: 2003-709028

DERWENT-WEEK: 200367

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TITLE: Event officiating method, involves generating and transmitting semantic information based on positional data, to officiating entity of events, and generating event model based on positional data and semantic information

INVENTOR: COLSON, B; HODSDON, K P

PRIORITY-DATA: 2002US-0037658 (January 3, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20030122657 A1</u>	July 3, 2003		013	G08B023/00

INT-CL (IPC): G08 B 23/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 11. Document ID: CA 2366423 A1

L8: Entry 11 of 29

File: DWPI

Jul 2, 2003

DERWENT-ACC-NO: 2003-608529

DERWENT-WEEK: 200358

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TITLE: Convergence process model for control of activities in e.g. corporate project work, has task entity containers which deliver data, functions and logic to users

INVENTOR: OPAUSKY, M

PRIORITY-DATA: 2002CA-2366423 (January 2, 2002)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2366423 A1	July 2, 2003	E	007	G06F017/60

INT-CL (IPC): G06 F 17/60

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 12. Document ID: US 20030026143 A1

L8: Entry 12 of 29

File: DWPI

Feb 6, 2003

DERWENT-ACC-NO: 2003-331719

DERWENT-WEEK: 200339

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TITLE: Data store construction method in Internet, involves defining abstract data model describing real world entities and their relationships

INVENTOR: BRENNAN, D M

PRIORITY-DATA: 2001US-309587P (August 3, 2001), 2002US-0213207 (August 5, 2002)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030026143 A1	February 6, 2003		027	G11C029/00

INT-CL (IPC): G11 C 29/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 13. Document ID: US 20020078423 A1

L8: Entry 13 of 29

File: DWPI

Jun 20, 2002

DERWENT-ACC-NO: 2002-607574

DERWENT-WEEK: 200265

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TITLE: Sub-model analyzing method involves converting calculation entities that depend on entities outside of sub-model, into temporary data entities

INVENTOR: ALDEN, J M; REAUME, D J

PRIORITY-DATA: 2000US-0740584 (December 18, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020078423 A1	June 20, 2002		013	G06F017/50

INT-CL (IPC): G06 F 17/50

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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14. Document ID: AU 200214683 A, WO 200239313 A2, US 20020082818 A1, US 20020082819 A1, US 20020082820 A1, US 20020082821 A1, US 20020083146 A1, US 20020107954 A1

L8: Entry 14 of 29

File: DWPI

May 21, 2002

DERWENT-ACC-NO: 2002-479857

DERWENT-WEEK: 200260

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TITLE: Data model for characterizing interaction of all elements of computer network has several domain name server (DNS) entities for modeling DNS information of network and several network entities for modeling network information of network

INVENTOR: DORSEY, C; FERGUSON, G ; HALICIOGLU, D T ; SUORSA, R ; POSKANZER, H ; SUORSA, R E ; LEVASSUER, J T

PRIORITY-DATA: 2000US-0699353 (October 31, 2000), 2000US-0699341 (October 31, 2000), 2001US-0766570 (January 23, 2001), 2001US-0766615 (July 26, 2001), 2001US-0766648 (January 23, 2001), 2001US-0766652 (January 23, 2001), 2001US-0766649 (January 23, 2001), 2001US-0767141 (January 23, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 200214683 A	May 21, 2002		000	G06F017/00
WO 200239313 A2	May 16, 2002	E	146	G06F017/00
US 20020082818 A1	June 27, 2002		000	G06F009/45
US 20020082819 A1	June 27, 2002		000	G06F009/45
US 20020082820 A1	June 27, 2002		000	G06F009/45
US 20020082821 A1	June 27, 2002		000	G06F009/45
US 20020083146 A1	June 27, 2002		000	G06F015/167
US 20020107954 A1	August 8, 2002		000	G06F015/173

INT-CL (IPC): G06 F 9/45; G06 F 15/167; G06 F 15/173; G06 F 15/177; G06 F 17/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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15. Document ID: US 6751702 B1, WO 200237212 A2, AU 200214679 A

L8: Entry 15 of 29

File: DWPI

Jun 15, 2004

DERWENT-ACC-NO: 2002-426759

DERWENT-WEEK: 200439

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TITLE: Data model for characterizing data storage device connected to computer network has several storage device adaptor port entities associated with several global name entities in one-to-many relationship

INVENTOR: FERGUSON, G; HSIEH, C ; LOPEZ-FERNANDEZ, G

h e b b g e e e f e g e f b e

PRIORITY-DATA: 2000US-0699351 (October 31, 2000), 2000US-0699347 (October 31, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6751702 B1</u>	June 15, 2004		000	G06F013/20
<u>WO 200237212 A2</u>	May 10, 2002	E	058	G06F000/00
<u>AU 200214679 A</u>	May 15, 2002		000	

INT-CL (IPC): G06 F 0/00; G06 F 13/20

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 16. Document ID: WO 200165395 A1, AU 200141321 A

L8: Entry 16 of 29

File: DWPI

Sep 7, 2001

DERWENT-ACC-NO: 2001-589882

DERWENT-WEEK: 200204

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TITLE: Computerized machine learning and data compression method involves analyzing set of performed actions and their outcome in history sequence entity, with one model to determine next action

INVENTOR: NORDIN, P

PRIORITY-DATA: 2000US-188928P (March 3, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 200165395 A1</u>	September 7, 2001	E	030	G06F015/18
<u>AU 200141321 A</u>	September 12, 2001		000	G06F015/18

INT-CL (IPC): G06 F 15/18; G06 N 5/02; H03 M 7/30

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 17. Document ID: WO 200042529 A1, EP 1224570 A1, AU 200025076 A

L8: Entry 17 of 29

File: DWPI

Jul 20, 2000

DERWENT-ACC-NO: 2000-499140

DERWENT-WEEK: 200256

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TITLE: Complex model system for organizing, accessing and processing data in libraries, has processor which performs operation specified by model's model type on entities in model

INVENTOR: ANTHONY, J S

PRIORITY-DATA: 1999US-116257P (January 16, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 200042529 A1</u>	July 20, 2000	E	064	G06F017/30
<u>EP 1224570 A1</u>	July 24, 2002	E	000	G06F017/30
<u>AU 200025076 A</u>	August 1, 2000		000	G06F017/30

INT-CL (IPC): G06 F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw Ds
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☐ 18. Document ID: WO 200020998 A1, AU 9964123 A, EP 1121653 A1, US 6553366 B1

L8: Entry 18 of 29

File: DWPI

Apr 13, 2000

DERWENT-ACC-NO: 2000-339161

DERWENT-WEEK: 200432

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TITLE: Massive parallel processing computer system for data mining applications, includes analytic logic data model that provides logical entity and attribute definitions for analytic processing

INVENTOR: MILLER, T E; ROLLINS, A L ; TATE, B D

PRIORITY-DATA: 1998US-102831P (October 2, 1998), 2001US-0806678 (April 2, 2001)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 200020998 A1</u>	April 13, 2000	E	047	G06F017/30
<u>AU 9964123 A</u>	April 26, 2000		000	
<u>EP 1121653 A1</u>	August 8, 2001	E	000	
<u>US 6553366 B1</u>	April 22, 2003		000	G06F017/30

INT-CL (IPC): G06 F 3/14; G06 F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw Ds
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☐ 19. Document ID: GB 2334601 B, GB 2334601 A, US 6470343 B1

L8: Entry 19 of 29

File: DWPI

Dec 11, 2002

DERWENT-ACC-NO: 1999-446828

DERWENT-WEEK: 200282

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TITLE: Database management system for storing information in data model with one or more core entities

INVENTOR: O'BRIEN, W; PEDERSON, J A ; PEDERSEN, J A

PRIORITY-DATA: 1998GB-0003503 (February 20, 1998)

## PATENT-FAMILY:

h e b b g e e f e g e f b e

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
GB <u>2334601 B</u>	December 11, 2002		000	G06F017/30
GB <u>2334601 A</u>	August 25, 1999		015	G06F017/30
US <u>6470343 B1</u>	October 22, 2002		000	G06F017/30

INT-CL (IPC): G06 F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Ds
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☐ 20. Document ID: GB 2321362 A, US 6038555 A, WO 9832085 A1, AU 9857709 A, EP 886831 A1

L8: Entry 20 of 29

File: DWPI

Jul 22, 1998

DERWENT-ACC-NO: 1998-350620

DERWENT-WEEK: 200020

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TITLE: Generic processing of transmission of messages using neural networks for anomaly detection - deriving output data from information relating to the transmission of messages by an entity over time using multi\_layered perceptron model

INVENTOR: BARSON, P C; FIELD, S ; HAMER, P ; HOBSON, P W ; TWITCHEN, K J

PRIORITY-DATA: 1997GB-0001194 (January 21, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
GB <u>2321362 A</u>	July 22, 1998		106	H04M003/36
US <u>6038555 A</u>	March 14, 2000		000	G06F015/45
WO <u>9832085 A1</u>	July 23, 1998	E	000	G06F017/60
AU <u>9857709 A</u>	August 7, 1998		000	G06F017/60
EP <u>886831 A1</u>	December 30, 1998	E	000	G06F017/60

INT-CL (IPC): G06 F 15/45; G06 F 15/80; G06 F 17/60; G07 F 7/08; H04 M 3/36; H04 M 15/00; H04 Q 3/00; H04 Q 7/38

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Ds
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☐ 21. Document ID: GB 2318478 A, US 6356885 B2, GB 2318478 B, US 20010014886 A1

L8: Entry 21 of 29

File: DWPI

Apr 22, 1998

DERWENT-ACC-NO: 1998-196133

DERWENT-WEEK: 200221

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TITLE: Communications network data processing method for use in e.g designing networks - involves adapting virtual model of network which has managed units, one of which is notified of events raised by its corresponding entity and determining cause of event using virtual model

h e b b g e e f e g ef b e



# Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040010505 A1

Using default format because multiple data bases are involved.

L22: Entry 1 of 1

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040010505

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040010505 A1

TITLE: Method and system for data mining automation in domain-specific analytic applications

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vishnubhotla, Prasad R.	Round Rock	TX	US	

US-CL-CURRENT: 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PRODUCT	2217033
PROD	440823
PRODS	124437
PRODUCTS	1465070
SCHEMA	11081
SCHEMAS	1986
(21 AND (SCHEMA NEAR5 PRODUCT)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L21 AND (PRODUCT NEAR5 SCHEMA)) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20020035562 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 2

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020035562  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020035562 A1

TITLE: DataMart

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roller, Keith	Flower Mound	TX	US	
Johnson, William	Summerfield	NC	US	
Handerhan, Patrick J.	Longmont	CO	US	

US-CL-CURRENT: 707/6; 707/10, 707/104.1, 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw D
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☐ 2. Document ID: US 6609123 B1

L6: Entry 2 of 2

File: USPT

Aug 19, 2003

US-PAT-NO: 6609123  
DOCUMENT-IDENTIFIER: US 6609123 B1

TITLE: Query engine and method for querying data using metadata model

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cazemier; Henk	Nepean			CA
Rasmussen; Glenn D.	Nepean			CA

US-CL-CURRENT: 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw D
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## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 15 of 15 returned.

☐ 1. Document ID: US 20040133552 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 15

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133552

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040133552 A1

TITLE: System and method for online analytical processing

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greenfield, David	Waltham	MA	US	
Lyon, Geof Fred	Rockport	MA	US	
Vogl, Ron	Cambridge	MA	US	
Feinstein, Scott	Peabody	MA	US	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20030229652 A1

L5: Entry 2 of 15

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030229652

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030229652 A1

TITLE: Enterprise-wide data-warehouse with integrated data aggregation engine

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

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US-CL-CURRENT: 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030225769 A1

L5: Entry 3 of 15

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030225769

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030225769 A1

TITLE: Support for real-time queries concerning current state, data and history of a process

PUBLICATION-DATE: December 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chkodrov, Gueorgui	Redmond	WA	US	
Jason, Zach	Seattle	WA	US	
Clark, Wayne A.	North Bend	WA	US	
Yildirim, Tolga	Sammamish	WA	US	
Chao, Lucy	Bellevue	WA	US	
Ng, Andrew	Redmond	WA	US	

US-CL-CURRENT: 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20030225736 A1

L5: Entry 4 of 15

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030225736

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030225736 A1

TITLE: Enterprise-wide resource planning (ERP) system with integrated data aggregation engine

PUBLICATION-DATE: December 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/1

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 5. Document ID: US 20030217079 A1

L5: Entry 5 of 15

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030217079

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030217079 A1

TITLE: Customer relationship management (CRM) system with integrated data aggregation engine

PUBLICATION-DATE: November 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: US 20030088548 A1

L5: Entry 6 of 15

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088548

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088548 A1

TITLE: Method for extracting data from a relational database using a reduced query

PUBLICATION-DATE: May 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kumar, Arun	Fremont	CA	US	
Smadja, Eric	Kirkland		CA	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 20020129032 A1

L5: Entry 7 of 15

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129032  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020129032 A1

TITLE: Database management system having a data aggregation module integrated therein

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/101; 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 8. Document ID: US 20020129003 A1

L5: Entry 8 of 15

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129003  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020129003 A1

TITLE: Data database and database management system having data aggregation module integrated therein

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 9. Document ID: US 20020035562 A1

L5: Entry 9 of 15

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020035562  
PGPUB-FILING-TYPE: new

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DOCUMENT-IDENTIFIER: US 20020035562 A1

TITLE: DataMart

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roller, Keith	Flower Mound	TX	US	
Johnson, William	Summerfield	NC	US	
Handerhan, Patrick J.	Longmont	CO	US	

US-CL-CURRENT: 707/6; 707/10, 707/104.1, 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 10. Document ID: US 20020029207 A1

L5: Entry 10 of 15

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020029207

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020029207 A1

TITLE: Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein

PUBLICATION-DATE: March 7, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bakalash, Reuven	Beer Sheva		IL	
Shaked, Guy	Shdema		IL	
Caspi, Joseph	Herzlyia		IL	

US-CL-CURRENT: 707/1; 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 11. Document ID: US 6714979 B1

L5: Entry 11 of 15

File: USPT

Mar 30, 2004

US-PAT-NO: 6714979

DOCUMENT-IDENTIFIER: US 6714979 B1

TITLE: Data warehousing infrastructure for web based reporting tool

DATE-ISSUED: March 30, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brandt; Andre R.	Colorado Springs	CO		
Frueh; Barbara	Colorado Springs	CO		
Pillai; Sajan J.	Colorado Springs	CO		
Rehder; Karl	Colorado Springs	CO		
Shearer; Donald J.	Colorado Springs	CO		

US-CL-CURRENT: 709/225; 707/10, 707/3, 707/4, 707/9, 709/205, 709/217, 709/223,  
709/227, 709/229

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw De
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☐ 12. Document ID: US 6684207 B1

L5: Entry 12 of 15

File: USPT

Jan 27, 2004

US-PAT-NO: 6684207

DOCUMENT-IDENTIFIER: US 6684207 B1

TITLE: System and method for online analytical processing

DATE-ISSUED: January 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Greenfield; David	Waltham	MA		
Lyon; Geof Fred	Rockport	MA		
Vogl; Ron	Cambridge	MA		
Feinstein; Scott	Peabody	MA		

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw De
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☐ 13. Document ID: US 6615258 B1

L5: Entry 13 of 15

File: USPT

Sep 2, 2003

US-PAT-NO: 6615258

DOCUMENT-IDENTIFIER: US 6615258 B1

TITLE: Integrated customer interface for web based data management

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barry; B. Reilly	Colorado Springs	CO		



Chodoronek; Mark A.	Centreville	VA
DeRose; Eric	Falls Church	VA
Gonzales; Mark N.	Manassas	VA
James; Angela R.	Chevy Chase	MD
Levy; Lynne	Herndon	VA
Tusa; Michael	Ridgefield	CT

US-CL-CURRENT: 709/223; 709/229

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Ds
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☐ 14. Document ID: US 6609123 B1

L5: Entry 14 of 15

File: USPT

Aug 19, 2003

US-PAT-NO: 6609123

DOCUMENT-IDENTIFIER: US 6609123 B1

TITLE: Query engine and method for querying data using metadata model

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cazemier; Henk	Nepean			CA
Rasmussen; Glenn D.	Nepean			CA

US-CL-CURRENT: 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Ds
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☐ 15. Document ID: US 6377993 B1

L5: Entry 15 of 15

File: USPT

Apr 23, 2002

US-PAT-NO: 6377993

DOCUMENT-IDENTIFIER: US 6377993 B1

TITLE: Integrated proxy interface for web based data management reports

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brandt; Andre R.	Colorado Springs	CO		
Pillai; Sajan J.	Colorado Springs	CO		

US-CL-CURRENT: 709/227; 709/223

## Hit List

Your wildcard search against 10000 terms has yielded the results below.

***Your result set for the last L# is incomplete.***

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

### Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20020168055 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 5

File: DWPI

Nov 14, 2002

DERWENT-ACC-NO: 2003-209401

DERWENT-WEEK: 200410

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TITLE: Parameter editing method in IVR systems, involves translating voice instruction to digital command data and implementing related change of parameters in near real-time

INVENTOR: BLUMENSCHN, G L; CROCKETT, S M ; KOVARIK, J D ; STROUD, K R ; TILIKS, D I ; WATRY, S R

PRIORITY-DATA: 2002US-0134637 (April 30, 2002), 2000US-0716276 (November 21, 2000), 2001US-0983303 (October 24, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US <u>20020168055 A1</u>	November 14, 2002		087	G10L021/00

INT-CL (IPC): G10 L 21/00; H04 M 1/64

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KM/C	Draw. De
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☐ 2. Document ID: US 6389126 B1

L1: Entry 2 of 5

File: DWPI

May 14, 2002

DERWENT-ACC-NO: 2002-453444

DERWENT-WEEK: 200248

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TITLE: Application and data files distribution system for telecommunication network, distributes interactive voice response (IVR) related files in service nodes, based on the analyzed user commands

INVENTOR: BJORNBERG, G; COBB, D ; PHELPS, D ; SANTA, P D

PRIORITY-DATA: 1998US-0074050 (May 7, 1998)

h e b b g e e e f e f e f b e

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6389126 B1</u>	May 14, 2002		017	H04M001/64

INT-CL (IPC): H04 M 1/64; H04 M 3/42; H04 M 11/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 3. Document ID: US 6508586 B2, US 20020039403 A1, JP 2002102220 A

L1: Entry 3 of 5

File: DWPI

Jan 21, 2003

DERWENT-ACC-NO: 2002-443178

DERWENT-WEEK: 200309

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TITLE: IVR-CT apparatus for blood vessel imaging, controls arm and CT gantry movements in accordance with position data set selected from memory using positioning switches in control panel

INVENTOR: OOTA, S

PRIORITY-DATA: 2000JP-0298674 (September 29, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6508586 B2</u>	January 21, 2003		000	H05G001/02
<u>US 20020039403 A1</u>	April 4, 2002		020	H05G001/02
<u>JP 2002102220 A</u>	April 9, 2002		009	A61B006/03

INT-CL (IPC): A61 B 6/00; A61 B 6/03; H05 G 1/02

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 4. Document ID: JP 2001209529 A

L1: Entry 4 of 5

File: DWPI

Aug 3, 2001

DERWENT-ACC-NO: 2001-545675

DERWENT-WEEK: 200161

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TITLE: Data-entry definition converter of data input system, converts input definition script into hypertext markup language script or IVR script

PRIORITY-DATA: 2000JP-0020157 (January 28, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2001209529 A</u>	August 3, 2001		006	G06F009/06

INT-CL (IPC): G06 F 9/06; G06 F 12/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. De
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☐ 5. Document ID: NZ 515791 A, WO 200078022 A1, AU 200050545 A, EP 1192789 A1

L1: Entry 5 of 5

File: DWPI

Jul 25, 2003

DERWENT-ACC-NO: 2001-335314

DERWENT-WEEK: 200357

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TITLE: Development method for interactive voice response systems (IVRs) by inputting application data including operations and parameters, generating prompts and grammar on basis of application data

INVENTOR: STARKIE, B C

PRIORITY-DATA: 1999AU-0004668 (December 15, 1999), 1999AU-0000917 (June 11, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
NZ 515791 A	July 25, 2003		000	H04M003/493
WO 200078022 A1	December 21, 2000	E	089	H04M003/493
AU 200050545 A	January 2, 2001		000	H04M003/493
EP 1192789 A1	April 3, 2002	E	000	H04M003/493

INT-CL (IPC): G06 F 17/28; H04 M 3/493

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
IVR	4291
IVRS	186
DATA\$	0
DATA	2903320
DATAA	169
DATAAASE	1
DATAAB	13
DATAABASE	3
DATAABCD	2
DATAABORT	7
((IVR AND DATA\$).TI.).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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## Web

 Results 1 - 10 of about 3,360 for **telephone customers star schema fact tables**. (0.60 seconds)

### Designing and Building the Database

... contain as many rows as **fact tables**, and dimensional data is subject to change, as when a **customer's** address or **telephone** number changes. ... **Star Schema**. ...

[www.schemamania.org/jkl/booksonline/SQLBOL70/html/dts\\_whs\\_7.htm](http://www.schemamania.org/jkl/booksonline/SQLBOL70/html/dts_whs_7.htm) - 6k -  
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#### Telephone table

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[See your message here...](#)

### 199132 - INF: OLAP: How to Index **Star/Snowflake Schema** Data

... Contact Microsoft Phone Numbers, Support Options and Pricing, Online Help, and more.

**Customer Service** ... INF: OLAP: How to Index **Star/Snowflake Schema** Data. ...

[support.microsoft.com/default.aspx?scid=kb;en-us;199132&sd=tech](http://support.microsoft.com/default.aspx?scid=kb;en-us;199132&sd=tech) - 14k -

[Cached](#) - [Similar pages](#)

### [PDF] Designing **Star Schemas** for Data Warehousing Agenda DSS ...

File Format: PDF/Adobe Acrobat

... **Star Schema** Model Sales Time **Customer** Promotion Store Product Dimensions  
**Fact** • 18 **Star Schema** Characteristics • **Facts** ... Relationships - The **fact table** is an ...

[www.nyoug.org/starschm.pdf](http://www.nyoug.org/starschm.pdf) - [Similar pages](#)

### [PS] CS 441: Midsemester Exam, Fall 1999 Write your Roll No. on the top ...

File Format: Adobe PostScript - [View as Text](#)

... Consider the **star schema** presented in Figure 1. The **schema** models the ... **SALES table**, and the dimension **tables** are the **PART**, **SUPPLIER**, **CUSTOMER**, and **TIME** ...

[www.cse.iitb.ac.in/~krithi/courses/631/1999\\_mid.ps](http://www.cse.iitb.ac.in/~krithi/courses/631/1999_mid.ps) - [Similar pages](#)

### [PPT] Querying **Star** and **Snowflake Schemas** in SAS

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Dim DateTime. Dim **Customer**. 2. 3. ... Indexed **Table** Lookup with Data Step with KEY= option on SET statement: Queries on **Star Schema** with: 3 million **facts**, 5 dimensions. ...

[www.eomdata.nl/eomstarengine/Star%20and%20Snowflake%20Schemas%20in%20SAS.pps](http://www.eomdata.nl/eomstarengine/Star%20and%20Snowflake%20Schemas%20in%20SAS.pps) - [Similar pages](#)

### [PDF] Warehousing

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... of likely interest to the **customer** 3 Example ... OLAP relational database system tuned for **star schemas** eg using ... telling which tuples of the **fact table** have that ...

[www-db.stanford.edu/~ullman/fcdb/slides/slides19.pdf](http://www-db.stanford.edu/~ullman/fcdb/slides/slides19.pdf) - [Similar pages](#)

### DBMS - May 1997 - Data Warehouse Architect

... grain" of the main **fact table** in the **star schema**. ... pairs do we have the most **customer** satisfaction problems? An analogous question for a **telephone** network that ...

[www.fortunecity.com/skyscraper/oracle/699/orahtml/dbmsmag/9705d05.html](http://www.fortunecity.com/skyscraper/oracle/699/orahtml/dbmsmag/9705d05.html) - 16k -

[Cached](#) - [Similar pages](#)

### DBMS - November 1996 - Data Warehouse Architect

... ATM transaction and **telephone** switch usage data almost never contain links to ... -A typical **star join schema** ... record is a line item on a particular **customer** ticket ...

[www.dbmsmag.com/9611d05.html](http://www.dbmsmag.com/9611d05.html) - 13k - [Cached](#) - [Similar pages](#)

### [PPT] [www.localcubetask.com/PASS2002Denver.ppt](http://www.localcubetask.com/PASS2002Denver.ppt)

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Use **star schema** dimension for historical analysis. Use snowflake **schema** dimension for current value analysis ... Current Value – How many **customers** who are now ...

[Similar pages](#)

[SAS-L archives -- July 1996, week 3 \(#185\)](#)

... A **star schema** is a physical model based on a ... **fact table** typically contains the measured **facts**, such as ... for example, there could be a **customer dimension table** ...

[www.listserv.uga.edu/cgi-bin/wa?A2=ind9607c&L=sas-l&F=&S=&P=19819](http://www.listserv.uga.edu/cgi-bin/wa?A2=ind9607c&L=sas-l&F=&S=&P=19819) - 13k -

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## Web Results 1 - 10 of about 1,890 for business entities customer communication star schema fact tables

### [PPT] Supporting Imprecision in Multidimensional Databases Using ...

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Product dimension. **Business entity** dimension. Used in several roles. 23. ... **Business** issues to address. ... One row for each **customer communication** (web, phone, store,...). ...  
[www.cs.auc.dk/~tbp/Teaching/DAT7E00/datawebhouse2.ppt](http://www.cs.auc.dk/~tbp/Teaching/DAT7E00/datawebhouse2.ppt) - [Similar pages](#)

### TDAN Book Review - Silverston Inmon Graziano - DM Resource Book

... several subject areas, including **customer** (**customer** service calls ... of the subject area, **entities**, attributes, and ... areas appropriate for **business** analysis: sales ...  
[www.tdan.com/book015.htm](http://www.tdan.com/book015.htm) - 16k - [Cached](#) - [Similar pages](#)

### [PPT] Optimizing SQL Server 2000 for Performance – Part 2

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Denver. Detroit. Sales. **Business** View on Information. 7/1/04. 17. ... Each case encapsulate all we know about the **entity**. 7/1/04. 22. ... Many instances per **customer**. 7/1/04. 24. ...  
[sql.reproms.si/data%5Cpodatki%5Cdejan%5COptimizing\\_2.ppt](http://sql.reproms.si/data%5Cpodatki%5Cdejan%5COptimizing_2.ppt) - [Similar pages](#)

### [doc] COURSE SYLLABUS

File Format: Microsoft Word 2000 - [View as HTML](#)

... **Customer** Information, Showing **Customer** Order Status ... Step4: Map Associative **Entities**, Identifier Not ... Multiprocessor Hardware Architectures, **Business** Related Uses ...  
[www.webster.edu/popeafb/Docs/Summer\\_2004\\_SYLLABI/C5970UV\\_SU04-1-28-04.doc](http://www.webster.edu/popeafb/Docs/Summer_2004_SYLLABI/C5970UV_SU04-1-28-04.doc) - [Similar pages](#)

### DBAzone.com: the online portal for database issues and solutions

... and a For-Profit Corporation in your **Customer** model, before ... candidate attributes for each sub-**entity** can be ... and reaching consensus on **business** data requirements ...  
[www.dbazine.com/lewis1.shtml](http://www.dbazine.com/lewis1.shtml) - 45k - [Cached](#) - [Similar pages](#)

### [PDF] Data Models for a Registrar's Data Mart

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... at which groups of users, assisted by an analyst, develop sets of **entities** such as **customer**, product, store and sets of **business** questions about ...  
[www.educause.edu/ir/library/pdf/CMR0033.pdf](http://www.educause.edu/ir/library/pdf/CMR0033.pdf) - [Similar pages](#)

### [PDF] Guided Tours

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... CHAPTER 1: **BUSINESS** SCENARIO AND SAP BW • 7 ... Number Material Name Material Description **Customer** Dimension Sales ... might need to convert an **entity** with multiple ...  
[searchsap.techtarget.com/searchSAP/downloads/SAP\\_\\_BW\\_\\_chapter.pdf](http://searchsap.techtarget.com/searchSAP/downloads/SAP__BW__chapter.pdf) - [Similar pages](#)

### Creative Data Research library - Data Warehouse Terminology

... by identifying the kinds of **entities** in the ... incremental development with constant feedback from the **customers**. ... Note that a **business** analyst may need access to ...  
[www.credata.com/research/terminology.html](http://www.credata.com/research/terminology.html) - 18k - [Cached](#) - [Similar pages](#)

### [PDF] starER: A Conceptual Model for Data Warehouse Design

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... the data warehouse of a mortgage **business** company, using ... department are outside the **customer** dimension as ... probability) at fact sets, **entity** sets, attributes ...

[www.cis.drexel.edu/faculty/song/dolap99/paper/dolap99\\_Nectl.pdf](http://www.cis.drexel.edu/faculty/song/dolap99/paper/dolap99_Nectl.pdf) - [Similar pages](#)

[Teradata Magazine | Essential Modeling Options...](#)

... time, and involves both an item and a **customer**. ... Because I used dimensions and **entities** in the same ... from **star schema** to 3NF as your **business** demands expansion ...

[www.teradata.com/t/page/116346/](http://www.teradata.com/t/page/116346/) - 24k - [Cached](#) - [Similar pages](#)

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Searching for PHRASE **business entities customer communicating star schema fact tables**.

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[Google \(Web\)](#) [CSB](#) [DBLP](#)

No documents match Boolean query. Trying non-Boolean relevance query.

500 documents found. Order: relevance to query.

[Applying Parallel Processing Techniques in Data.. - Datta, VanderMeer, .. \(1998\) \(Correct\)](#)

results have to be delivered interactively to the **business** analyst using the system. Given these and the dimension **tables** are the PART, SUPPLIER, **CUSTOMER**, and TIME **tables**. The **fact table** contains remains the same. Thus, the overall intergroup **communication** remains constant. Inside a group, adding  
[unreal.cs.umass.edu/db/papers/parallel.ps](http://unreal.cs.umass.edu/db/papers/parallel.ps)

[The Translation of Star Schema into Entity-Relationship Diagrams - Krippendorf, Song \(1997\) \(Correct\)](#)

output which accurately addresses the demands of **business** operations. Such demands might involve queries key consists of the primary key of participating **entities**. In all of these cases, exercises in translation involve queries like the following. List the **customers** who have a savings account with a balance  
[www.cis.drexel.edu/faculty/song/Papers/DEXA97-Star.pdf](http://www.cis.drexel.edu/faculty/song/Papers/DEXA97-Star.pdf)

[Predictive Workflow Management - Panagos, Rabinovich \(1997\) \(Correct\)](#)

These questions are currently addressed by the **business** analyst in a static way for all process (e.g.a database system)a human (e.g.a **customer** representative) or a combination of both (e.g. a later time. The workflow engine and the tools **communicate** with a workflow database to store and update  
[www.research.att.com/~thimios/papers/.Ingits97.ps.Z](http://www.research.att.com/~thimios/papers/.Ingits97.ps.Z)

[Materialized View Selection in a Multidimensional Database - Baralis \(1997\) \(Correct\) \(65 citations\)](#)

that supports the efficient execution of complex **business** decision queries. Query response can be depicted in Figure 1, in which all the D i **entities** represent the dimensions of the MDDDB, while the information is organized following the so-called **star-model** [Kim96]Permission to copy without fee all  
[www.informatik.uni-trier.de/~ley/vldb/BaralisPT97/parabosc97.ps](http://www.informatik.uni-trier.de/~ley/vldb/BaralisPT97/parabosc97.ps)

[Processing Star Queries on Hierarchically-Clustered.. - Karayannidis, Tsois, .. \(2002\) \(Correct\)](#)

kind of queries in data warehousing, OLAP and **business** intelligence applications. Thus, there is an and the experimental evaluation, as well as **customer** feedback, indicates speedups of orders of 3, Klaus Elhardt 2, Rudolf Bayer s Institute of **Communication** and Computer Systems and Deptmt of  
[www.cs.ust.hk/vldb2002/VLDB2002-papers/S21P01.pdf](http://www.cs.ust.hk/vldb2002/VLDB2002-papers/S21P01.pdf)

[XML Data Warehouse: Modelling and Querying - Pokorny \(Correct\)](#)

collections coming from e-mail **communication**, e-**business**, or from inner digital documents that are members of each dimension hierarchy are sets of **entities** that can be described as entity types. Although but also data collections coming from e-mail **communication**, e-**business**, or from inner digital  
[kocour.ms.mff.cuni.cz/vsuvky/BALTIC02.pdf](http://kocour.ms.mff.cuni.cz/vsuvky/BALTIC02.pdf)

[Object Orientation In Database Interoperation Case Study Of.. - Dixon System \(Correct\)](#)

us to segregate database model features from **business** rule features at appropriate layers. Saltor [Klas94]By considering relational **schema** as the **starting point** we are excluding user defined datatypes information generally needs to be added to the **schema** to achieve interoperation. They have identified  
[www.ercim.org/publication/ws-proceedings/7th-EDRG/13.ps](http://www.ercim.org/publication/ws-proceedings/7th-EDRG/13.ps)

[Visualisation By Tables - Draper \(1996\) \(Correct\)](#)

a relation (e.g. fig.1) uses rows for tuples (**entities** in the simple cases we shall concentrate on) **table** layouts for data of the kind that are in **fact** common in printed booklets in common use. That 96 version 1 1 May 7, 1996 Visualisation by **tables** Stephen W. Draper GIST (Glasgow Interactive  
[151.100.16.20/pub/santucci/in/FADIVA/Draper.ps](http://151.100.16.20/pub/santucci/in/FADIVA/Draper.ps)

[Solving Domain Mismatch and Schema Mismatch Problems with an... - Kent \(1991\) \(Correct\) \(41 citations\)](#)

or with organizational units within different **business entities** (projects, departments, sections, labs, organizational units within different **business entities** (projects, departments, sections, labs,

secretary, administrative assistant, and **customer** representative. The same thing might arise with fog.hpl.external.hp.com/techreports/91/HPL-91-25.ps

The SC4 Short Names Registry - Lubell (1996) (Correct)

The idea of having short names for Express **entities** originated in the Implementation Specifications US government 's High Performance Computing and **Communications** initiative. 1 Background TC184/SC4 is a and generating reports. In the spring of 1996, NIST started receiving requests to generate short names for www.mel.nist.gov/div826/library/doc/lubell96b.ps

Efficient Storage and Management of Environmental Information - Nabil Adam Vijayalakshmi (2002) (Correct)

Environmental Digital Libraries. To appear in **Communications** of the ACM, 2002. 12] N. Widmann, P. different attributes. Data models such as the **star schema**, **fact constellation schema**, snowflake different attributes. Data models such as the **star schema**, **fact constellation schema**, snowflake **schema** or romulus.gsfc.nasa.gov/msst/conf2002/papers/c06bp-nad.pdf

Schema Level Join Processing in Web Databases - Bhowmick, Ng, Lim (1998) (Correct)

not only to individual users, but also to **business** organizations especially when critical decision H. Nielsen, A. Secret. The World Wide Web. **Communication** of the ACM ,37(8)76-82, August 1994. 5] Nanyang Technological University, Singapore, started in April 1997 with the following key objective: www.cais.ntu.edu.sg:8000/tr/tr9804.ps

Data Warehouse Design for E-Commerce Environment - Song, LeVan-Shultz (1999) (Correct) (1 citation)

technologies. E-commerce provides for sharing of **business** information, maintaining **business** relationships, In addition to typical **business** aspects such as **customers**, sales, shipments, and payments, e-business now www.cis.drexel.edu/faculty/song/Papers/DWinEcommerce4.pdf

Helping Data Suppliers and Consumers Negotiate the Details: A .. - Arnon Rosenthal (1999) (Correct) (1 citation)

sees a projection of the **POLICY table** containing **customer** information the view is defined by the SQL 1 Introduction This paper investigates the **communication** problems arising from autonomy and data applications. Here, interfaces are known as **schemas**, and SQL is used to specify the translation from www.cs.bc.edu/~sciore/papers/negot.ps

Integrating the Management of Business Domain and.. - Clarke.. (Correct)

Integrating the Management of **Business** Domain and Discovered Knowledge R. Clarke (1) 'Database Preparation' and 'Database Selection' **entities** in the meta-model of Figure 5. A 'Criterion' is in highly de-regulated global marketplaces **customer**-centric approaches focused on the individual www.ekt.org.gr/inform/nit/events/nit98/programme/proceedings\_ps/rs6\_2.ps

OLAP Query Processing for Partitioned Data Warehouses - Bellatreche, Karlapalem (1999) (Correct)

the **SALES table** representing the **Fact table**, and **CUSTOMER**, **PRODUCT** and **TIME** representing the dimension applying the partitioning technique on DW **schema (star schema)** to reduce the total query execution cost. for applying the partitioning technique on DW **schema (star schema)** to reduce the total query execution www.cs.wmich.edu/~mohania/papers/dante-ladjet-1999.ps

Warlock: A Data Allocation Tool for Parallel Warehouses. - Stöhr, Rahm (2001) (Correct)

tailored physical allocation scheme for relational **star schemas** and bitmap indexes. It supports physical allocation scheme for relational **star schemas** and bitmap indexes. It supports organized dimension **tables** and one or more **fact tables**. Each dimension level is represented by a www.dia.uniroma3.it/~vldbproc/103\_721.pdf

Leveled Entity Relationship Model - Gandhi, Robertson (1994) (Correct) (1 citation)

:28 5.2.1 Mapping to **entities** and sub-**entities** :28 5.2.2 objective reality. For a model to effectively **communicate**, the mismatch between our conceptualization how these may be modeled using the LER approach. We start out by extending the previous example to display www.cs.indiana.edu/database/Publications/tr404.ps

A 5 Layer Information Expressivity Model Applied To Semantic.. - Dixon System (1995) (Correct)

requires changes beginning at the semantic (**business rule**) layer and the other requires changes support to automatically identify similar **entities**. It aims at letting end users employ their own

on the database so Fault Report Date/Time is a fair **starting** point. Simple correspondance between data in [www.ercim.org/publication/ws-proceedings/8th-EDRG/dixon.ps](http://www.ercim.org/publication/ws-proceedings/8th-EDRG/dixon.ps)

[An Analysis of Many-to-Many Relationships Between Fact.. - Song, Rowen, Medsker.. \(2001\) \(Correct\) \(1 citation\)](#)

of tools that transforms raw data into meaningful **business** information. This information depicts a view of for a many-to-many relationship between two **entities**. However, what distinguishes this bridge **table** **Dimension Tables** in Dimensional Modeling Abstract **Star schema**, which maintains one-to-many relationships [www.cis.drexel.edu/faculty/song/Papers/Song\\_M\\_N\\_DMDW\\_final.pdf](http://www.cis.drexel.edu/faculty/song/Papers/Song_M_N_DMDW_final.pdf)

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500 documents found. **Only retrieving 250 documents (System busy - maximum reduced).** Order: **relevance to query.**

Terminological Systems Revisited: Terminology = Schema + .. - Buchheit, Donini, Nutt.. (1994) (Correct) (11 citations)

Representation System (TKRS) consists of a so-called TBox, where concepts are introduced, and an of reasoning. 2 The Refined Architecture We start this section by a short reminder on concept Terminological Systems Revisited: Terminology = **Schema** Views M. Buchheit 1 and F. M. Donini 2  
[sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-1/buchheit-et-al-long.ps](http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-1/buchheit-et-al-long.ps)

Propagation Rule Compiler: Technical Documentation - Griefahn, Rath (1996) (Correct) (2 citations)

from deductive rules. Such triggers are able to **automatically** compute all implicit changes of a Chimera various kinds of updates, the compiler generates so-called delta classes the objects of which represent kinds of further actions to be performed in **response** to updates, regardless whether they are  
[www.informatik.uni-bonn.de/~ulrike/Publications/PROP/TR\\_TechDoc.ps.gz](http://www.informatik.uni-bonn.de/~ulrike/Publications/PROP/TR_TechDoc.ps.gz)

Implementing Voice Recognition And Natural Language Processing.. - DeVilliers (1996) (Correct) (3 citations)

of the IDU packet and its writing to the net are **automatically** accomplished through **calls** within the match among an application's vocabulary. This is called lexical analysis as seen in Figure 1. Once words as a testbed for implementing the Distributed **Interactive** Protocol (DIS) for DoD simulations, and for  
[www.npsnet.nps.navy.mil/publications/edward.devilliers.thesis.ps.Z](http://www.npsnet.nps.navy.mil/publications/edward.devilliers.thesis.ps.Z)

Warlock: A Data Allocation Tool for Parallel Warehouses. - Stöhr, Rahm (2001) (Correct)

1Introduction We present the WARLOCK tool to **automatically** determine a parallel data warehouse's hierarchical range fragmentation strategy called MDHF that we recently proposed and evaluated in WARLOCK provides several options to facilitate **interactive** fine tuning. Disk parameters, query load  
[www.dia.uniroma3.it/~vldbproc/103\\_721.pdf](http://www.dia.uniroma3.it/~vldbproc/103_721.pdf)

Induction and Recapitulation of Deep Musical Structure - Spector (Correct) (12 citations)

recent extensions to our framework for the **automatic** generation of music-making programs. We have satisfy a range of different aesthetic criteria we **call** the resulting programs constructed artists. The a system that **automatically** constructs an **interactive** jazz improvisation program when presented with  
[hamp.hampshire.edu/~lasCCS/pubs/IJCAI95mus-toappear.ps](http://hamp.hampshire.edu/~lasCCS/pubs/IJCAI95mus-toappear.ps)

Schema Level Join Processing in Web Databases - Bhowmick, Ng, Lim (1998) (Correct)

warehousing project, we introduce a new operator called the web join. Like its relational counterpart, Nanyang Technological University, Singapore, started in April 1997 with the following key objective: October 12, 1998 Schema Level Join Processing in Web Databases Sourav  
[www.cais.ntu.edu.sg:8000/tr/tr9804.ps](http://www.cais.ntu.edu.sg:8000/tr/tr9804.ps)

Idle and Inter-arrival Time Statistics in Public Access.. - Francisco Barcel (Correct) (2 citations)

from the sample. As this filtering process is **automatic** (based on the message duration) some traffic it is more important the time between **call** attempts. This is a difficult measure as it needs we investigate the idle time distribution of the **voice** service in trunked Public Access Mobile Radio  
[maite71.upc.es/~barcelo/Globe2.ps](http://maite71.upc.es/~barcelo/Globe2.ps)

An Analysis of Many-to-Many Relationships Between Fact.. - Song, Rowen, Medsker.. (2001) (Correct) (1 citation)

model with highly normalized dimension structure is called William Rowen College of Information Science Requires many OR commands, slows processing **response** Dimension **table** will list all possible Dimension **Tables** in Dimensional Modeling Abstract **Star schema**, which maintains one-to-many relationships  
[www.cis.drexel.edu/faculty/song/Papers/Song\\_M\\_N\\_DMDW\\_final.pdf](http://www.cis.drexel.edu/faculty/song/Papers/Song_M_N_DMDW_final.pdf)

Predictive Loss Pattern Queue Management for Internet Routers - Sanneck, Carle (1998) (Correct)

We propose an active queue management algorithm called PLoP (Predictive Loss Pattern) that instead of too many burst losses in the network) For **interactive voice**, end-to-end adaptation to the current in bursts. This is especially significant for a **voice** service, which we consider as our primary target  
ftp.fokus.gmd.de/pub/glone/papers/Sann9811:Predictive.ps.gz

Mawl: Integrated Web and Telephone Service Creation - Atkins, Ball, Baran.. (1997) (Correct)

has a logging option that compiles sessions that **automatically** track their usage. For each page generated interactions. User interactions go through agents called arbiters which dynamically parameterize document for controlling and programming various **interactive voice response** (IVR) platforms using standard  
www.bell-labs.com/user/tball/papers/bltj.ps.gz

Automated Data Warehousing for Rule-based CRM Systems - Han-Joon Kim Taehee (Correct)

Abstract This paper proposes a novel way of **automatically** developing data warehouse configuration in multi-dimensional modelling strategy, which have so-called '**star schema**' generated. **Star schema** is composed include data analysis, campaign design, **response** analysis of customer data. To effectively support  
crpit.com/confpapers/CRPITV17HJKim.pdf

A Response to "Believing on the basis of evidence" - Fahiem Bacchus (1994) (Correct) (2 citations)

**A Response** to "Believing on the basis of evidence" Fahiem Kyburg's approach. 2 To HEDGE or to hedge? Kyburg starts out by focusing on what he suggests are two we bother to represent their uncertainty or not? **Schema** 1 takes the route that we represent the  
simon.cs.cornell.edu/Info/People/halpern/papers/kyburg\_response.ps

A Highly Available, Scalable ITV System - Nelson, Linton, Owicki (1995) (Correct) (3 citations)

among service replicas and auditing to allow the **automatic** detection and removal of unresponsive objects objects combine the features of remote procedure call and object-oriented programming. Our distributed Consultant Abstract As part of Time Warner's **interactive** TV trial in Orlando, Florida, we have  
www.star-lab.com/owicki/papers/itv.ps

Reverse Engineering of Relational Database Applications - Vermeer, Apers (1995) (Correct) (5 citations)

this problem may be next to unsolvable in an **automatic** way. This is probably the reason why work on in the object **schema**. Figure 2 shows the so-called Join Materialisation Graph of the object **schema**, views only, i.e. the translation of a relational **schema** into a corresponding object structure. While such  
www.is.cs.utwente.nl:8080/isdoc/confpaper/vermeer.oover95.accepted.ps.gz

Conceptual Graph Representation of Interactive Voice.. - Carmelo Porciuncula.. (Correct)

this application could be System answers incoming call Caller inputs logon id Caller inputs pin MAIN Conceptual Graph Representation of **Interactive Voice Response** (IVR) Applications Carmelo Graph Representation of **Interactive Voice Response** (IVR) Applications Carmelo Porciuncula  
goanna.cs.rmit.edu.au/~ged/courses/433/ass/CarmeloPorciuncula.ps

Integrated Web and Telephone Service Creation - al. (1997) (Correct) (2 citations)

of the session is created, with fresh copies of **automatic** variables. A session interacts with the user looping, conditional control flow, and procedure calls. The only way for the service logic to interact becoming the standard infrastructure for diverse **interactive** applications. The ubiquity of the hypertext  
www.lucent.dk/ideas/perspectives/bltj/winter\_97/pdf/paper02.pdf

The Case for Services over Cascaded Networks - Anthony Joseph Badrinath (1998) (Correct) (14 citations)

other interfaces) This dynamic composition, or **Automatic** Path Creation (APC) is possible because the boundaries (e.g. transferring an active telephone call from the Public Switched Telephone Network (PSTN) over IP (VoIP) access to speaker-independent **Interactive Voice Response** (IVR) systems,  
iceberg.cs.berkeley.edu/papers/Joseph-WoWMoM98/cascaded.ps

What can Hierarchies do for Data Warehouses? - Jagadish, Lakshmanan, Srivastava (1999) (Correct)

2)ffl We propose a model for data warehouses, called the SQL(H) data model, which naturally extends The standard way to model such data is with a **star/snowflake schema**. However, current approaches do way to model such data is with a **star/snowflake schema**. However, current approaches do not give a  
www.research.att.com/~divesh/papers/jls99-dwhier.ps

Performance Modeling of Polling Deregistration for Unlicensed.. - Anthony Noerpel (1996) (Correct)

message to the HLR, and the old location is **automatically** deregistered at the HLR. A deregistration would allow the network to successfully deliver a **call**. By periodically polling a handset, the local is intended primarily for circuit oriented **voice** and data applications. PACS-UB [4, 1, 2] is a [liny.csie.nctu.edu.tw/jsac95.ps](http://liny.csie.nctu.edu.tw/jsac95.ps)

Integrated Voice-Data Transmission in Packet PCN's - Mort Naraghi-Pour (Correct)  
(VT) will use the same code for the duration of its **call**. However, when it enters a silence period, the VT  
1 Integrated **Voice-Data** Transmission in Packet PCN's Mort  
for synchronization of the system and indicates the **start** of the next slot. 4.2 Uplink signaling channel  
[www.ee.lsu.edu/mort/publications/voice.data.mac.ps.gz](http://www.ee.lsu.edu/mort/publications/voice.data.mac.ps.gz)

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